



mA mA
mG mG
mA mU
mG mC
mU
mU mU mG
mG mC
mA
mC mG
mG mC
mU mA
mA mU
iT

Figure 17A

A circular diagram representing a sequence of elements. The elements are arranged in a circle and include: dC, dG, dT, mG, fC, dA, dA, dC, fU, fC, mA, mG, fC, dA, dA, dC, fU, dC, dG, fC, dG, fC, dA, fU, dC, mG, and [3'T]. Below the circle, there are two vertical tick marks labeled "5'" and "3'".

ARC126

ARC126= SEQ ID NO:1-HEG-SEQ ID NO:2-HEG-SEQ ID NO:3-[3T]

Figure 17B

Replacement Drawing - Figure 20

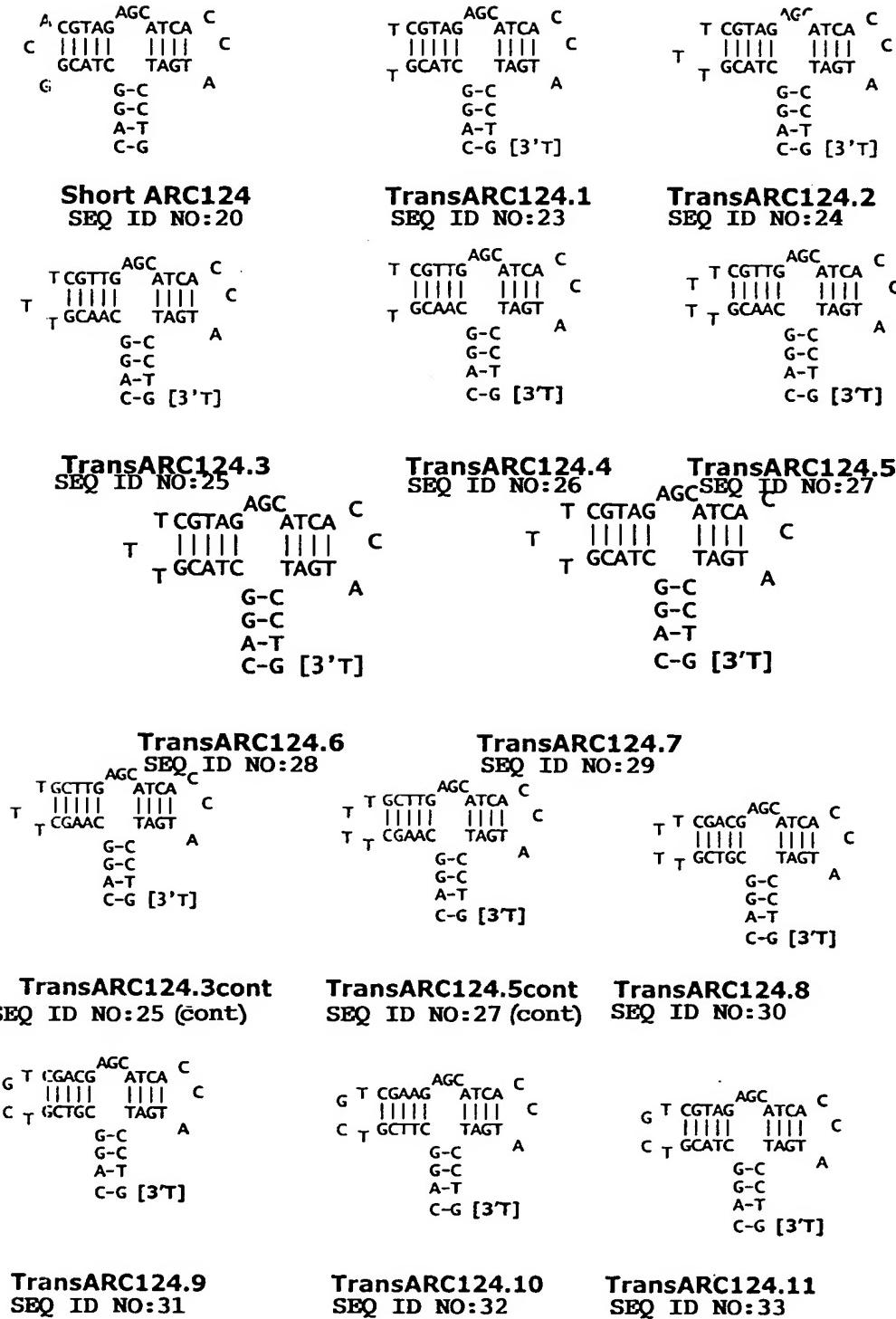
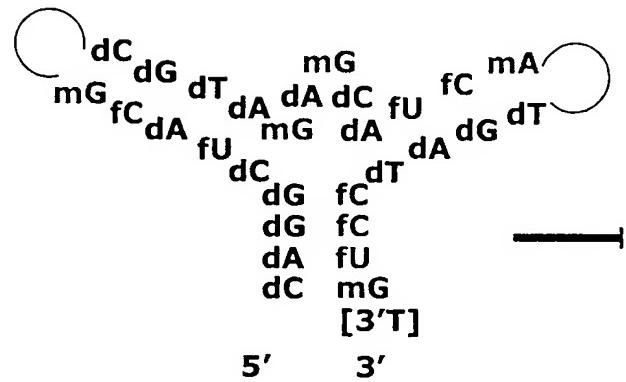


Figure 20

mA mA
mG mG
mA mU
mG mC
mU
mU mU mG
mG mC
mA
mC mG
mG mC
mU mA
mA mU
iT

Figure 17A



ARC126

ARC126 = SEQ ID NO:1-HEG-SEQ ID NO:2-HEG-SEQ ID NO:3-[3+]

Figure 17B

A CGTAG AGC ATCA C
 C ||||| GCATC TAGT C
 G G-C
 G-C
 A-T
 C-G

T CGTAG AGC ATCA C
 T GCATC TAGT C
 G-C A
 G-C
 A-T
 C-G [3'T]

T CGTAG AGC ATCA C
 T GCATC TAGT C
 G-C A
 G-C
 A-T
 C-G [3'T]

Short ARC124
SEQ ID NO: 20

T CGTTG AGC ATCA C
 T GCAAC TAGT C
 G-C A
 G-C
 A-T
 C-G [3'T]

TransARC124.1
SEQ ID NO: 23

T CGTTG AGC ATCA C
 T GCAAC TAGT C
 G-C A
 G-C
 A-T
 C-G [3'T]

TransARC124.2
SEQ ID NO: 24

T CGTTG AGC ATCA C
 T GCAAC TAGT C
 G-C A
 G-C
 A-T
 C-G [3'T]

TransARC124.3

SEQ ID NO: 25
 T CGTAG AGC ATCA C
 T GCATC TAGT C
 G-C A
 G-C
 A-T
 C-G [3'T]

TransARC124.4

SEQ ID NO: 26
 T CGTAG AGC ATCA C
 T GCATC TAGT C
 G-C A
 G-C
 A-T
 C-G [3'T]

TransARC124.5

SEQ ID NO: 27
 T CGTAG AGC ATCA C
 T GCATC TAGT C
 G-C A
 G-C
 A-T
 C-G [3'T]

TransARC124.6

SEQ ID NO: 28
 T CGTTG AGC ATCA C
 T GCAAC TAGT C
 G-C A
 G-C
 A-T
 C-G [3'T]

TransARC124.7

SEQ ID NO: 29
 T CGTTG AGC ATCA C
 T GCAAC TAGT C
 G-C A
 G-C
 A-T
 C-G [3'T]

T CGAGG AGC ATCA C
 T GCTGC TAGT C
 G-C A
 G-C
 A-T
 C-G [3'T]

TransARC124.3cont

SEQ ID NO: 25 cont

G T CGACG AGC ATCA C
 C T GCTGC TAGT C
 G-C A
 G-C
 A-T
 C-G [3'T]

TransARC124.5cont

SEQ ID NO: 27 cont

G T CGAAC AGC ATCA C
 C T GCTTC TAGT C
 G-C A
 G-C
 A-T
 C-G [3'T]

TransARC124.8

SEQ ID NO: 30

G T CGTAG AGC ATCA C
 C T GCATC TAGT C
 G-C A
 G-C
 A-T
 C-G [3'T]

TransARC124.9

SEQ ID NO: 31

G T CGACG AGC ATCA C
 C T GCTGC TAGT C
 G-C A
 G-C
 A-T
 C-G [3'T]

TransARC124.10

SEQ ID NO: 32

G T CGAAC AGC ATCA C
 C T GCTTC TAGT C
 G-C A
 G-C
 A-T
 C-G [3'T]

TransARC124.11

SEQ ID NO: 33

Figure 20